

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>SMITH LONNIE M</u> (Last) (First) (Middle) 950 KIFER ROAD (Street) SUNNYVALE CA 94086 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>INTUITIVE SURGICAL INC [ISRG]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">CEO</p>
	3. Date of Earliest Transaction (Month/Day/Year) 03/11/2009	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/11/2009		G		290	D	\$0	415,091	D	
Common Stock	03/11/2009		G		290	D	\$0	414,801	D	
Common Stock	03/11/2009		G		290	D	\$0	414,511	D	
Common Stock	03/11/2009		G		290	D	\$0	414,221	D	
Common Stock	03/11/2009		G		290	D	\$0	413,931	D	
Common Stock	07/27/2009		M		15,000	A	\$11.74	428,931	D	
Common Stock	07/27/2009		S		100	D	\$217.362	428,831	D	
Common Stock	07/27/2009		S		100	D	\$217.3615	428,731	D	
Common Stock	07/27/2009		S		3,251	D	\$217.8	425,480	D	
Common Stock	07/27/2009		S		1,749	D	\$217.4	423,731	D	
Common Stock	07/27/2009		S		300	D	\$217.22	423,431	D	
Common Stock	07/27/2009		S		500	D	\$217.65	422,931	D	
Common Stock	07/27/2009		S		200	D	\$217.26	422,731	D	
Common Stock	07/27/2009		S		1,000	D	\$217.5	421,731	D	
Common Stock	07/27/2009		S		4,900	D	\$217.6	416,831	D	
Common Stock	07/27/2009		S		776	D	\$217.78	416,055	D	
Common Stock	07/27/2009		S		2,124	D	\$217.9	413,931	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Non-Qualified Stock Option (right to buy)	\$11.74	07/27/2009		M			15,000	(I)	02/06/2013	Common Stock	15,000	\$0	14,794	D	

Explanation of Responses:

1. 1/8 of the option becomes exercisable six months from the date of grant and 1/48 vests each month thereafter.

/s/ Lonnie M. Smith

07/28/2009

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.